

**ABSTRACT**

5    **ELECTRICAL APPARATUS COMPRISING A MONITORING DEVICE, A  
SUPPORT AND MONITORING DEVICE FOR SUCH AN APPARATUS, AND  
ELECTRICAL INSTALLATION INCORPORATING THEM.**

10    The electrical apparatus comprises a monitoring device of at least one electrical component  
to receive an electromagnetic radiation from electromagnetic emitting means. The  
electrical switchgear support in the form of a rail comprises electromagnetic emitting  
means designed to emit an electromagnetic radiation to at least one electrical apparatus.  
15    The monitoring device comprises electromagnetic emitting means designed to emit an  
electromagnetic radiation to at least one electrical apparatus and to receive a return signal.  
The electrical installation comprising electrical apparatuses, at least one support and or a  
monitoring device.

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